



NOvA Experiment Status

Steve Magill Argonne National Laboratory
All Experimenter's Meeting, November 4, 2013

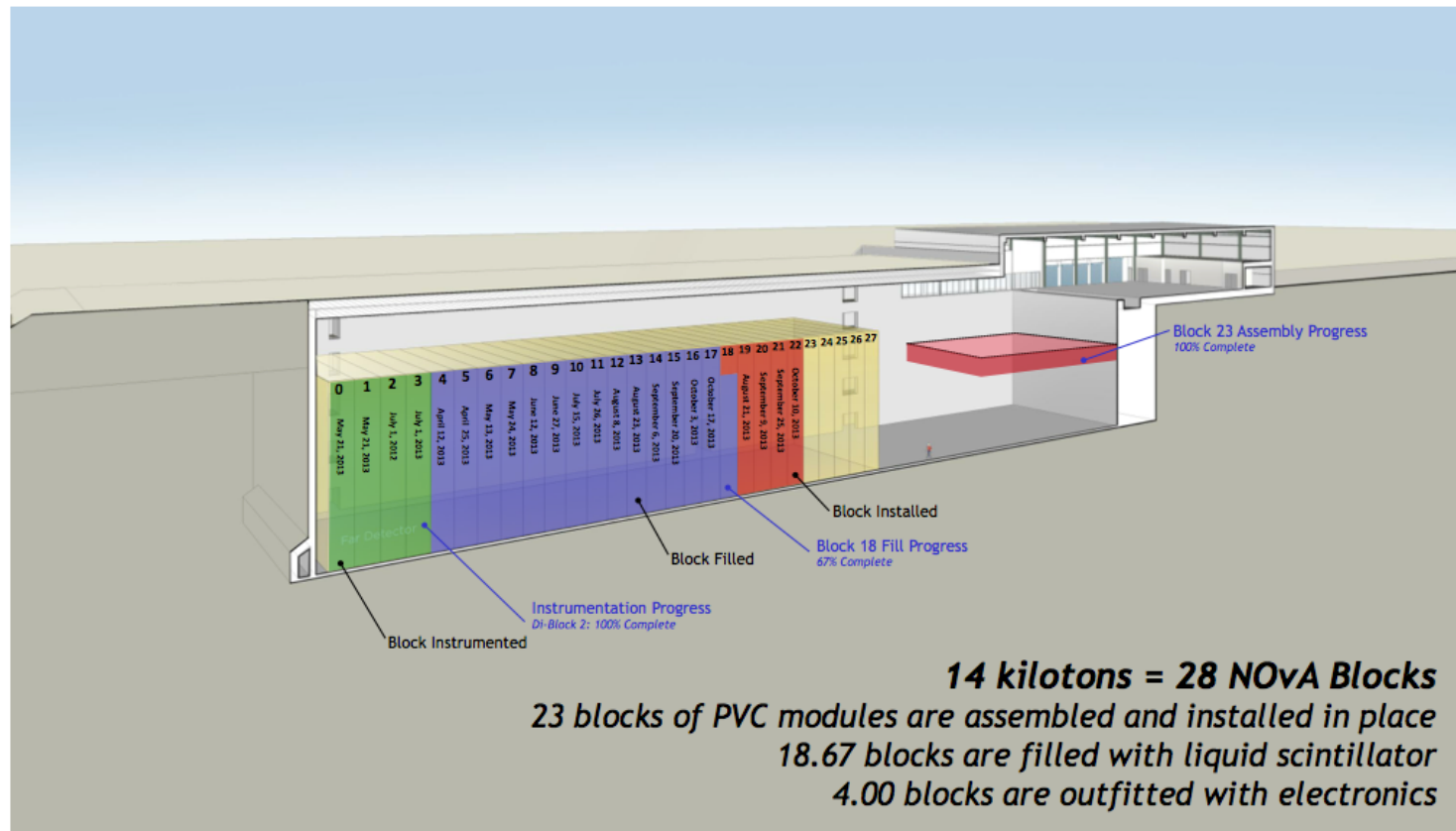
Far Detector Progress



The Intensity Frontier

NOvA Far Detector Assembly Progress

Status Date: 28OCT13

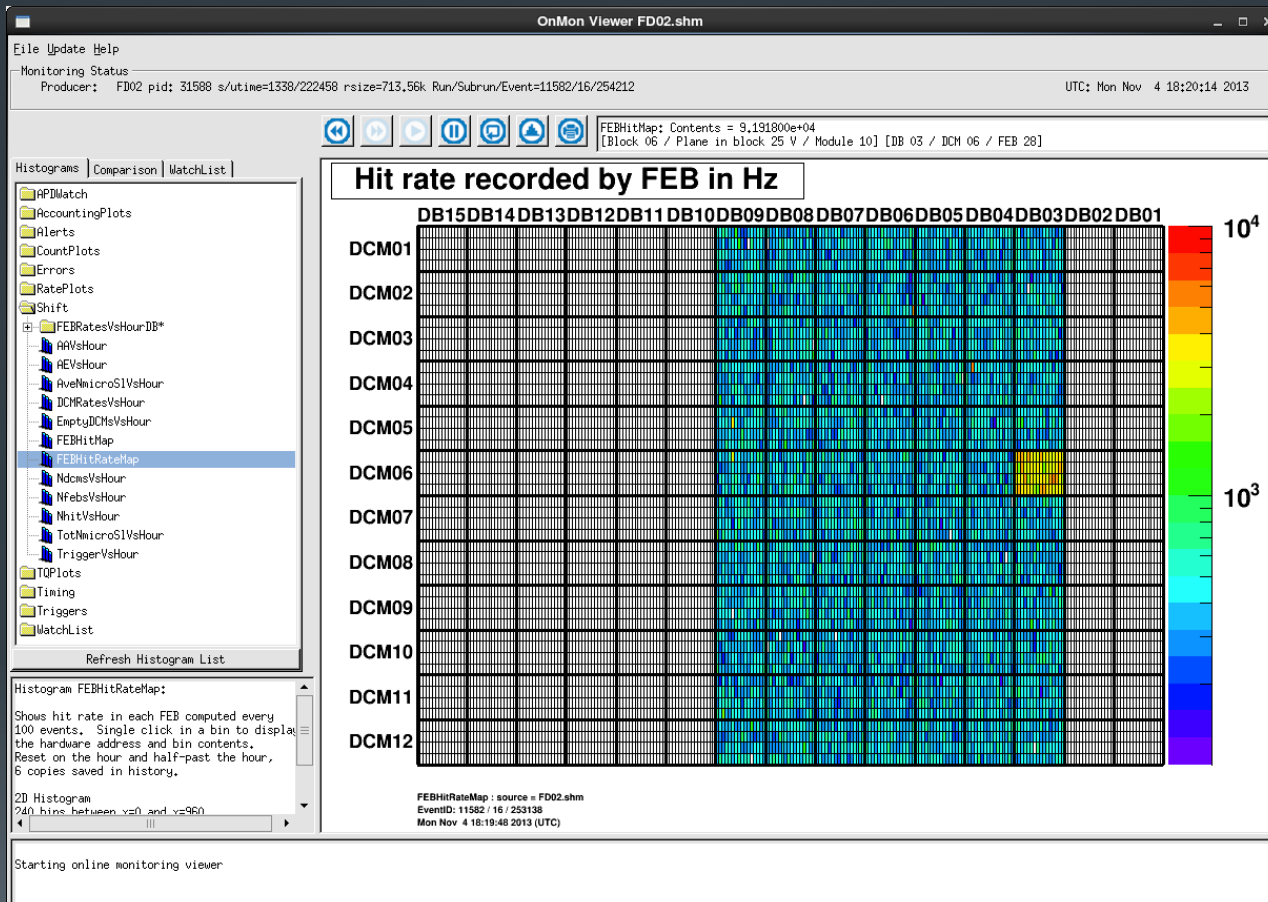


[illegible]

Tuesday: Begin filling block 19 verticals

DAQ Partitioning at FarDet

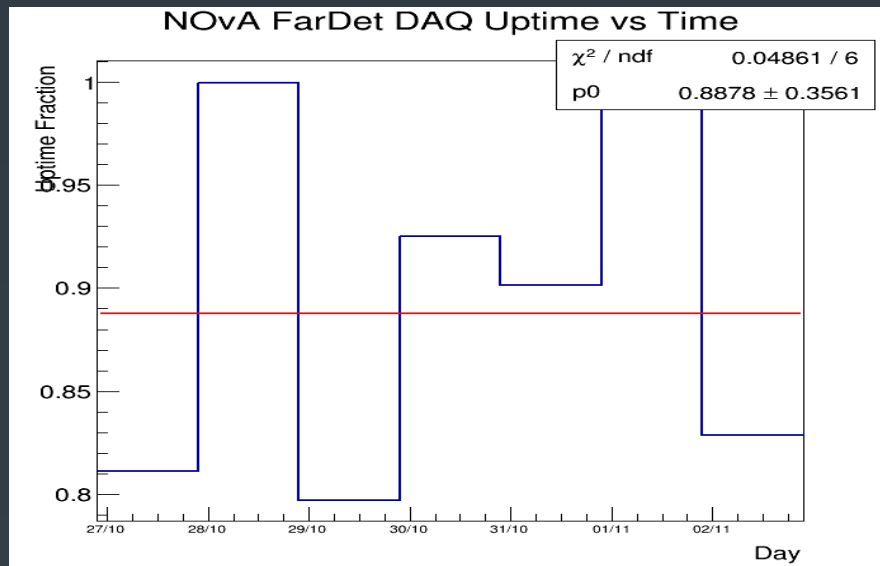
Partition 1



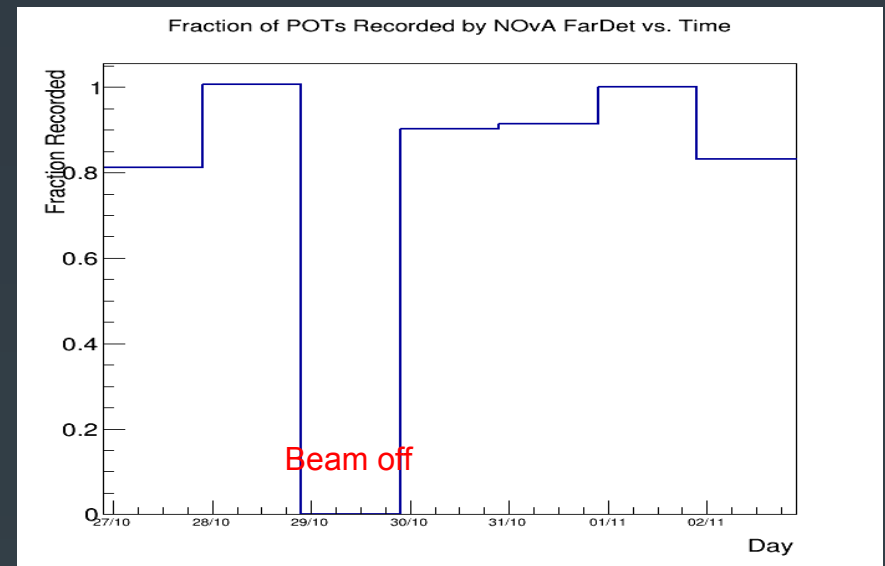
Partition 2



FarDet Performance



DAQ Uptime

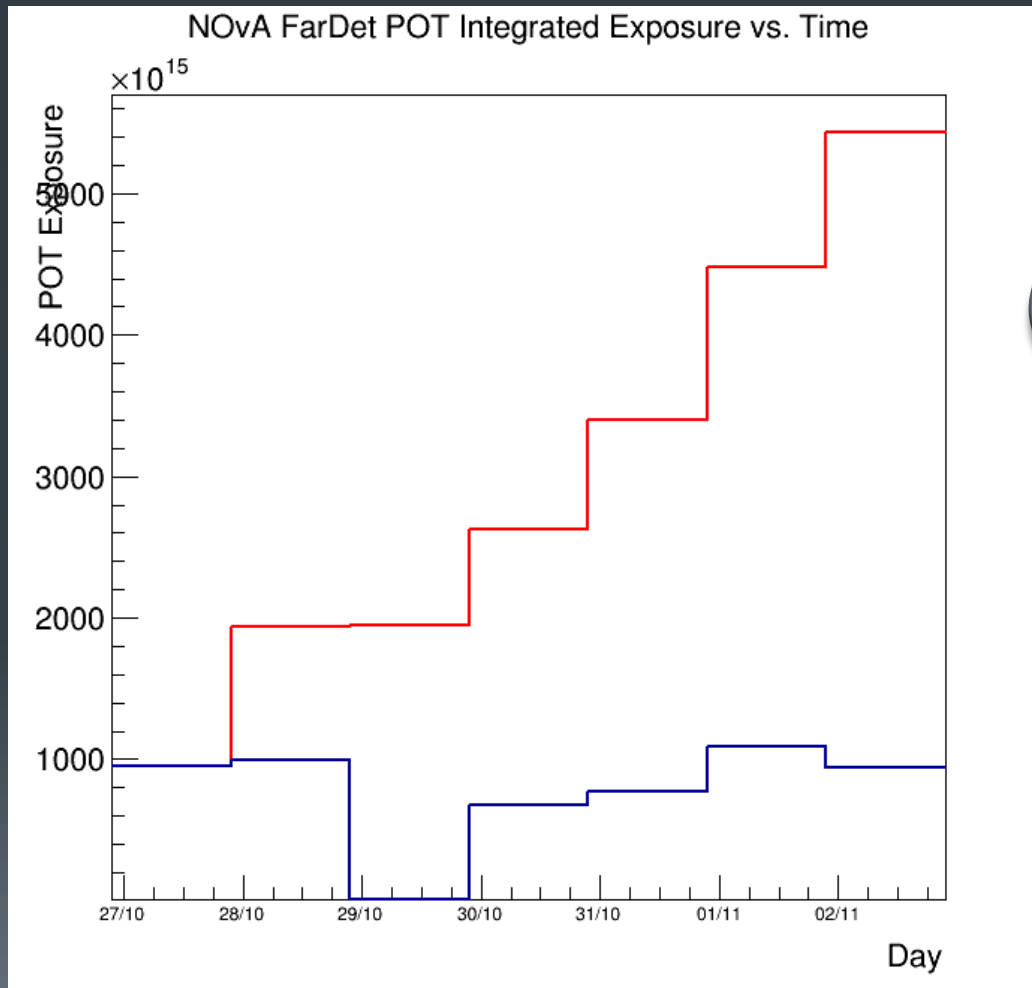


Fraction of POTs recorded by NOvA

- Average ~90% uptime
- Hardware work small effect on DAQ uptime

- Hardware work doesn't keep us from recording POTs

FarDet POT Exposure



Daily and Integrated POT exposure* for last week

* POTs for 2 diblocks of fully-instrumented detector

Summary

- NDOS Prototype running smoothly, useful for testing of software/firmware/monitoring upgrades before rolling out at FarDet
- NDSBTest (Near Detector Surface Building Test) 30 APD test stand for cooling/monitoring tests of APDs
- FarDet – 2 diblocks running cold at full gain – very smooth running, 24th block (out of 28) in place, APD installation has resumed!
- NearDet – $\frac{1}{2}$ of the Near Detector blocks are in place – finish in early January 2014, scintillator filling to start immediately after